

DOCK-LIKE AUTOMATIC FLUID RECYCLE DEVICE

ABSTRACT OF THE DISCLOSURE

A dock-like automatic fluid recycle device is disclosed, which guides water flow downstream for power generation and has a lower cistern to retain water which can be pumped upward to an upper cistern for a new electric generation cycle. The dock-like automatic fluid recycle device includes an upper cistern, an outlet, a plurality of basin, a plurality of transmission device, a plurality of pump, a generator, a lower cistern and a water pipe. The basins are ranked along an inclined plane one by one as a ladder. The highest basin connects the upper cistern by the outlet. Each basin has an automatic water gate on the side and a pump in the lower cistern. The generator, which is installed in the lower port of the outlet, converts the water flow into electrical power. The lower cistern, which is installed under the lowest basin, stores the water drains from the lowest basin. The water pipe connects the pumps and the upper cistern. Each pump driven by a corresponding of transmission device drains the water from the lower cistern, and the water flows along the water pipe to the upper cistern.